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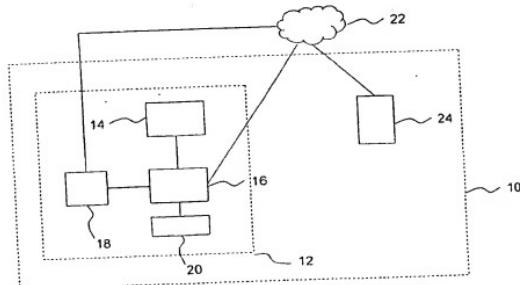
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(54) Title: AN ALARM SYSTEM



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(57) Abstract: The present invention relates to an alarm system (10) intended to trigger an alarm signal upon deviation from at least one environment-dependent reference predetermined for a specific environment. The alarm system (10) comprises at least one portable unit (12) intended to be placed in said environment, which unit (12) has a size corresponding to a mobile telephone. Each unit (12) comprises a sensor system (14) adapted for detecting different states comprising at least vibrations. Furthermore, the alarm system (10) comprises a processor member (16) connected to the sensor system (14) and adapted for the comparison of signals received from the sensor system (14) and said predetermined environment dependent reference/references. The alarm system (10) further comprises a communication member (18) connected to the processor member (16) and adapted for wireless communication upon, for instance, the triggering of an alarm signal. Furthermore, the alarm system (10) comprises a memory member (24) connected to the processor member (16) via a distributed computer network (22) and adapted for the storage of said predetermined reference/references.